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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/696,270	10/29/2003	Scott D. Garner	022232-9031-01	6484
23409 7590 08/21/2007 MICHAEL BEST & FRIEDRICH LLP 100 E WISCONSIN AVENUE Suite 3300			EXAMINER	
			DUONG, THO V	
MILWAUKEE, WI 53202			ART UNIT	PAPER NUMBER
			3744	
			MAIL DATE	DELIVERY MODE
			08/21/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)			
	10/696,270	GARNER ET AL.			
Office Action Summary	Examiner	Art Unit			
	Tho v. Duong	3744			
The MAILING DATE of this communication apperiod for Reply	ppears on the cover sheet	with the correspondence address			
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory perio - Failure to reply within the set or extended period for reply will, by statu. Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUI 1.136(a). In no event, however, may d will apply and will expire SIX (6) M ate, cause the application to become	VICATION. a reply be timely filed ONTHS from the mailing date of this communication. ABANDONED (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 16	May 2007.				
2a) ☐ This action is FINAL . 2b) ☑ Th	This action is FINAL . 2b)⊠ This action is non-final.				
3) Since this application is in condition for allow	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice under	Ex parte Quayle, 1935 C	.D. 11, 453 O.G. 213.			
Disposition of Claims					
4) ⊠ Claim(s) 1,2,4 and 5 is/are pending in the ap 4a) Of the above claim(s) is/are withdr 5) □ Claim(s) is/are allowed. 6) ⊠ Claim(s) 1,2 and 4 is/are rejected. 7) ⊠ Claim(s) 5 is/are objected to. 8) □ Claim(s) are subject to restriction and	rawn from consideration.				
Application Papers					
9)☐ The specification is objected to by the Examir	ner.	·			
10) The drawing(s) filed on is/are: a) □ ac	ccepted or b) Objected	o by the Examiner.			
Applicant may not request that any objection to th	ne drawing(s) be held in abey	ance. See 37 CFR 1.85(a).			
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the I	· .				
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume * See the attached detailed Office action for a life	nts have been received. nts have been received in iority documents have be eau (PCT Rule 17.2(a)).	Application No en received in this National Stage			
Attackersont/a		•			
Attachment(s) 1) Notice of References Cited (PTO-892)	4) Intervie	w Summary (PTO-413)			
Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper N	o(s)/Mail Date If Informal Patent Application			

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/16/07 has been entered.

Response to Arguments

Applicant's arguments filed 4/20/07 have been fully considered but they are not persuasive. Applicant's argument that Basiulis discloses two heat pipes (figure 3) that are not in fluid communication, has been very carefully considered but is not found to be persuasive because the examiner has relied on the embodiment of figures 2 and 4 of Basiulis to teach the claimed invention.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-2 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Basiulis (US 3,924,674). Basiulis discloses (figures 2,4 and column 5, line 60- column 7, line 57 and

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column 9, lines 14-27) a heat pipe assembly comprising a first heat pipe (10) having a condenser and a working fluid; a reservoir (30) that is external to and communicates with the first heat pipe containing a non-condensable gas (35) which variably permits access of the working fluid to the condenser of the first heat pipe, depending on a pressure of the working fluid; and a second heat pipe (20) having an evaporator that is in thermal contact with the first heat pipe, wherein the second heat pipe (20) has an interior in fluid communication with the interior of the first heat pipe (10) in at least one pressure of the working fluid; the first heat pipe (10) has not heat sink or fins attached directly thereto; the first heat pipe (10) has a longitudinal direction; the noncondensable gas (35) has a moving front with a range of motion within the condenser of the first heat pipe; when the moving front is at a first boundary of the range of motion (the first heat pipe is filled with non-condensable gas in the off mode), the working fluid does not access a portion of the condenser in which the evaporator of the second heat pipe is located; and when the moving front is at a second boundary of the range of motion (the non-condensable gas moves toward the reservoir), the working fluid access a portion of the condenser in which the evaporator of the second heat pipe is located.

Allowable Subject Matter

Claim 5 is objected to as being dependent upon a rejected base claim, but would be allowable if claim 5 is rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho v. Duong whose telephone number is 571-272-4793. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tyler J. Cheryl can be reached on 571-272-4834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Tho v Duong

Primary Examiner

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TD July 24, 2007